

# PATENT ABSTRACTS OF JAPAN

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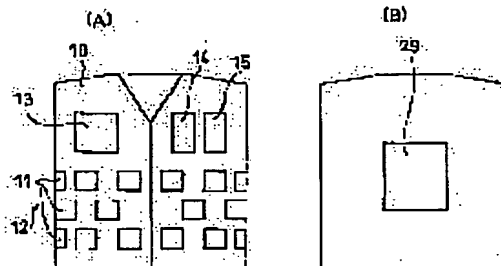
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## (54) RADIO CAPSULE RECEPTION SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To collect biological information without restricting a testee by providing an external unit with a photodetector array composed of plural photodetectors for receiving illumination light emitted from a radio capsule, specifying a position, where the illumination light is emitted by the radio capsule, adding that position to the biological information and storing it in a memory.

**SOLUTION:** A capsule endoscope transmits the image signal of an image sensor by a transmitter and has an illumination means. An external unit specifies the position of the capsule endoscope with a photodetector array 12 arranged with plural photodetectors 11. When the testee swallows the capsule endoscope down and wears the external unit 10, the capsule endoscope transmits the image signal picked up in a celom, the signal is received by a receiving antenna 29 on the external unit 10, and the position information is added and stored in a memory 14. After the end of measuring observation, the memory 14 is detached, read by a memory reader, displayed on a monitor or recorded into a recorder and utilized for a filing system.



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